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Name:- Fatma El-Nabawia El-Sayed Goda

Position:- Professor of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, University of Mansoura, Mansoura, 35516, Egypt.

Education:- • Ph.D.: 1989 in Medicinal Chemistry, Faculty of Pharmacy, University of Mansoura, Mansoura, Egypt.
• M.Sc.: 1983 in Medicinal Chemistry, Faculty of Pharmacy, University of Mansoura, Mansoura, Egypt.
• B.Sc.: 1978 in Pharmaceutical Science (Very Good with Honor), Faculty of Pharmacy, University of Mansoura, Mansoura, Egypt.

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Research interests:

- Synthesis of novel organic compounds for their further investigation as biologically active candidates against various types of diseases.

- Computational study of the new derivatives for theoretical study of the expected effect and best biological response.

- Spectroscopic analysis of synthesized compounds.

- Stereochemistry

Selected Publications:

1) Development of Some 1,2,3-Triazole Derivatives as Potential Hypoglycemic Agents. F.Goda, A. Tantawy and M. El-Kerdawy, Alex. J. Pharm. Sci., I, 63 (1987).

2) Synthesis of Certain Pyrones and Fused Pyridones as Potential Antibacterial Agents. M. El-Kerdawy, M.Y.Yousif, I.A. Shehata and F.E. Goda, Alex. J. pharm. Sci., 111, 204 (1989).

3) Pyridones: Synthesis and Antimicrobial Testing of Certain Chelidamic Acid Derivatives. M. El-Kerdawy, M.Y.Yousif, I. A. Shehata and F. E. Goda, Chin. pharm. J., 42, 57 (1990).

4) Development of Some New Alicyclic Amine Derivatives of Chemotherapeutic Interest. A. Tantawy and F. Goda, Chin. Pharm. J., 44, 295 (1992).

5) Synthesis and Antimicrobial Testing of Certain Thiazole, Thiazolinone and Triazole Derivatives. F.Goda, Chin. Pharm. J., 45, 367 (1993).

6) Synthesis and Characterization of Certain New 3-Methyl-4-(substituted phenylazo)isoxazol-5-ones and 3-Methyl-4-(substituted phenylazo)- pyrazolones as Potential Antibacterial Agents. A. Tantawy, F. Goda and A. M. Abdelal, Chin. Pharm. J., 47, 37 (1995).

7) Novel Diarylsulphide Derivatives as Potential Cytotoxic Agents. H. El-Subbagh, M. A. El-Sherbeny, M. N. Nasar, F.E. Goda and F. A. Badria, Boll. Chim. Farmaceutico, 134, 80 (1995).

8) Synthesis of Certain New Pyridine Derivatives of Expected Pharmaceutical Activity. L. M. Gad and F. E. Goda, Mans. J. Pharm. Sci., 12, 110 (1996).

9) Synthesis and Antimicrobial Activities of Certain 1,2,3-Triazolo[3,4-b]Pyridazines. Alaa A. Moenes, F. E. Goda, A. S. Tantawy, S. M. Khira and A. M. Ismaiel, Alex. J. Pharm. Sci., 10, 1047 (1996).

10) Synthesis and Antimicrobial Activities of Certain Pyridazines. Alaa A. Moenes, F. E. Goda, A. S. Tantawy, S. M. Khira and A. M. Ismaiel, Alex. J. Pharm. Sci., 10, 35 (1996).

11) New Benzofurylpyridines as Antimicrobial Agents. F. E. Goda, Alex. J. Pharm. Sci., 13, 145 (1999).

12) Synthesis of Certain New 5,9-Disubstituted 1,2,4-Triazolo[3,4-c] Quinazolines as Potential Anticonvulsant and Anti-inflammatory Agents. Ali M. Abdelal and Fatma E. Goda, Mans. J. Pharm. Sci., 15, 87 (1999).

13) Synthesis, Antimicrobial Activity and Conformational Analysis of Novel Substituted Pyridines: BF₃-promoted Reaction of Hydrazine with 2-Alkoxy pyridines. Fatma E. Goda, Alaa A. M. Abdel-Aziz and Omer A. Attef, Bioorganic & Med. Chem., 12, 1845 (2004).

14) Synthesis and Biological Evaluation of Novel 6-nitro-5-substituted aminoquinolines as Local Anesthetic and Anti-arrhythmic Agents: Molecular Modeling Study. Fatma E. Goda, Alaa A.M. Abdel-Aziz and Hamdy A. Ghoneim, Bioorganic & Med. Chem., 13, 3175 (2005).

15) Enantioselective Synthesis of (1S,2S)-1,2-di-tert-butyl and (1R,2R)-1,2-di-(1-adamantyl)ethylenediamines. Alaa A. M. Abdel-Aziz, Serry A. A. El bialy, Fatma E. Goda and Takehisa Kunieda, Tetrahedron Letters, 45, 8073 (2004).

16) Synthesis and Evaluation of Some Novel Quinazolinone Derivatives as Diuretic Agents. Azza R. Maarouf, Eman R. El-Bendary and Fatma E. Goda, Arch. Pharm. Pharm. Med. Chem., 337, 527 (2004).

17) Synthesis and Antimicrobial Evaluation of 3-Hydrazinoquinoxaline Derivatives and their Cyclic Analogues. E.R. El-Bendary, F. E. Goda, A.R. Maarouf and F. A. Badria, Sci. Pharm., 72, 175 (2004).

- 18) Synthesis and Biological Evaluation of Certain New Substituted Pyrido[2,3-d]pyrimidin-4(1H)-one and Pyrido[2,3-d]triazolo[3,4-b]pyrimidine Analogs, Fatma E. Goda and Farid A Badria, Saudi Pharm. J., 13, 64 (2005).
- 19) Synthesis of Some New Quinolines as Antibacterial and Cytotoxic Agents. F. E. Goda and Farid A. Badria, Mans. J. Pharm. Sci., 18, 1, 59 (2002).
- 20) Synthesis and Antimicrobial Evaluation of New Isoxazole and Pyrazole Derivatives. F. E. Goda, A. R. Maarouf and E. R. El-Bendary, Saudi Pharm. J., 11, 111 (2003).
- 21) Synthesis and Antiviral Activity of 1,3,5-Triazine Derivatives. F. E. Goda A. S. Tantawy, S. M. Badr, Kh. B. Selim and E. E. Habib, Mans. J. Pharm. Sci., 20, 1 (2004).
- 22) Synthesis , Biological Evaluation And Molecular Modeling Investigation Of Some New Benzimidazole Analogs As Antiviral Agents,Fatma E.Goda,Atif S.Tantawy,Laila A.Abou-zeid,Sahar M.Badr and Khalid B.Selim Saudi Pharm.J,Vol16 No 2 (2008)
- 23) Synthesis and Pharmacological Studies Of Novel 1,2,5-Thiadiazole Derivatives For The Treatment Of Alzheimer DiseaseA.S.Tantawy,F.A.Goda,A.M.Barghash,and A.S.Mostafa,Mansoura Journal of Chemistry,Vol .36(2)(2009)
- 24) Synthesis,DNA binding,fluorescence measurements and antiparasitic activity of DAPI related diamidinesAbdelbasset A.Farahat,Arind Kumar, Martial Say, Alaa EL-Din M.Baraghash, Fatma E Goda, Hassan M Eisa, Tanja Wenzler, Reto Brun, Yang Liu ,Liu, Leah Mickelson, W. David Wilson, David. Boykin.Bioorg, & Med.Chem.,18 ,557 (2010).
- 25) Bichalcophenes:A Concise Synthesis of Formyl Ester-and Cyano Ester-Substituted Bithiophenes,Bifurans,and Furanothiophenes Abdelbasset A.Farahat,Arvind Kumar,Alaa El-Din M.Barghash,Fatma E.Goda , Hassn M.Eisa ,and David W.Boykin J.Heterocyclic Chem,47,167(2010)
- 26) Synthesis of some Coumarine dervatives,as antioxidants and Computonal study of additio reaction mechanism of OH radical to coumarin ring. Atif S. Tantawy,Mohamed A. A. Massoud, Fatma E. Goda, John C. Hackett and Shahenda M. EL-Messery,MJPS VOL., 26 (1)69-79 (2010).
- 27) Exploration of larger central ring linkers in furamide analogues: Synthesis and evaluation of their DNA binding , antiparasitic and fluorescence properties Abdelbasset A.Farahat,Ekaterina Poaliakov, Arind Kumar,Alaa El-Din M.Barghash,Fatma E.Goda , Hassn M.Eisa ,Tanja Wenzler, Reto Brun, Yang Liu, W. David Wilson and David.Boykin Bioorg, & Med.Chem.,19 ,2156-67 (2011).
- 28) [1,2,4]Triazolo[4,3-a]quinoxaline: Synthesis, antiviral and antimicrobial activities. Morkos A.Henen,Serry A.A EL Bialy, Fatma E. Goda, Magda N. A. Nasr, Hassan M. Eisa. Med Hassan M. Eisa. Med. Chem.Res. DOI 10.1007/ s00044-011-9753-7(2011).

29. Synthesis, biological evaluation and molecular modeling of novel benzofuran-N- heterocyclic hybrids as anticancer agents Salma Fares, Khalid B. Selim1, Magda A. A. El-Sayed, Fatma E. Goda ,Journal of American Science, 13(11),65 (2017).

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